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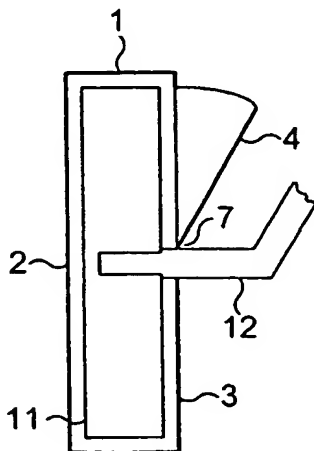
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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: DETACHABLE WHEEL COVER



(57) Abstract: A detachable wheel cover for a trolley, pushchair or the like comprises a sub-
stantially cylindrical part (1) which is adapted to fit around the periphery of a wheel (11), a
first side (2) adapted to cover one side of the wheel (11) and a second side (3) adapted to cover
the other side of the wheel (11). The edges of the sides (2,3) are secured to the edges of the
substantially cylindrical part (1) by stitching and/or adhesive. An opening which is closable by
a flap (4) is provided in the side (2) so that the wheel (11) can be inserted into the cover. Once
the wheel has been inserted, the flap (4) can be folded to close the opening and the flap can be
held in position by releasable fastening means such as "Velcro" (Registered Trade Mark). An
axle (12) on which the wheel (11) is mounted extends through a small central aperture (8) in
a central region of the side (3) of the cover.

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Title: DETACHABLE WHEEL COVER

This invention relates to covers for the wheels of trolleys such as golf trolleys or for the wheels of pushchairs and the like.

5 A problem frequently encountered by golfers is that having played a round of golf, the wheels of the trolley carrying the golfer's clubs have become dirty. The golfer must therefore either clean the wheels or provide a mat or the like to prevent the boot of the vehicle in which the trolley is to be carried from becoming soiled. In either case, the trolley can move while the vehicle, in which the trolley
10 is being carried, is being driven and dirt can shake loose from the wheels of the trolley and soil the vehicle.

The same problem arises with foldable pushchairs and the present invention seeks to provide a solution to the problem.

According to the invention, there is provided a cover for a wheel of a trolley,
15 pushchair or the like, which cover comprises a substantially cylindrical part which is adapted to fit around the periphery of a wheel for which the cover is intended, a first side adapted to cover one side of the wheel and a second side adapted to cover the other side of the wheel, the substantially cylindrical part being joined to or formed integrally with the first and second sides of the cover and a closable
20 opening being provided whereby a wheel can be inserted into the cover through the opening and said opening then being closed by releasable fastening means; wherein the opening is provided in one of the sides of the cover.

According to a preferred embodiment of the invention, the opening is provided in a side of the cover which is intended, in use, to cover the side of the
25 wheel from which an axle on which the wheel is mounted extends. Desirably, the

opening can be closed by a flap which extends over an arc of the side of the cover and which can be releasably fastened to the substantially cylindrical part or to the side of the cover. In this manner, the flap can be released from the cover, the cover can be fitted around the wheel and the flap then fastened to the cover to
5 enclose the wheel. The axle on which the wheel is mounted extends through a small part of the opening in a central region of the side of the cover.

The releasable fastening means may take any suitable form such as press studs, a sliding clasp fastener or co-operating engageable strips such as those sold under the Registered Trade Mark "Velcro".

10 The invention will now be described in detail, by way of example, with reference to the drawings in which:-

Fig. 1 is a side elevation of one embodiment of a wheel cover according to the invention;

Fig. 2 is a section taken on the line II – II in Fig. 1 in the direction of the
15 arrows, but showing the cover fitted to a wheel; and

Fig. 3 is a side elevation of another embodiment of a wheel cover according to the invention.

In the drawings, like parts are denoted by like reference numerals.

Reference will first be made to Figs. 1 and 2 of the drawings in which a
20 wheel cover according to the invention comprises a substantially cylindrical part 1 which is adapted to fit around the periphery of a wheel 11 as shown in Fig. 2. A first side panel 2 is secured, for example by means of stitching and/or an adhesive to one edge of the part 1. A second side panel 3 is secured, again for example by means of stitching and/or an adhesive, to the opposite edge of the part 1. The side
25 panel 3 has a sector region extending over about 45° and formed in the shape of a flap 4 which is hinged to the remainder of the side panel 3. The flap 4 can be held

in position by means of, for example, a "Velcro" (Registered Trade Mark) fastener, one strip 5 of which is secured to the side panel 3 adjacent to the opening accommodating the flap 4 and the other strip 6 of which is secured to a side edge of the flap remote from the hinged edge 7.

5 In use, the flap 4 is folded down about the hinge 7, after the strips 5 and 6 of the fastener have been separated from one another, and the wheel cover is fitted over the wheel 11 of a golf trolley or the like as shown in Fig. 2 of the drawings. The side panel 3 has a central aperture 8 to accommodate an axle 12 on which the wheel 11 is mounted. Once the wheel cover has been fitted onto the wheel, the
10 flap 4 can be pivoted about the hinge 7 to close the opening and the flap can be held in place by the strips 5 and 6 of the fastener.

The wheel cover can be removed from the wheel 11, simply by separating the strips 5 and 6 of the fastener, folding down the flap 4 and stripping the cover off the wheel.

15 The embodiment shown in Fig. 3 differs from the embodiment shown in Figs. 1 and 2 in that a second flap 9 is provided which is hinged at 10 to the side panel 3. In this case, one strip 5 of the "Velcro" (Registered Trade Mark) fastener is secured to the flap 4 while the other strip 6 is secured to the other flap 9. The wheel cover can be fitted to a wheel in a similar manner to the cover shown in
20 Figs. 1 and 2 except that, in this case, both flaps 4 and 9 are folded back while the cover is fitted over a wheel and the flaps are then folded back and held in place by the enter-engaging strips 5 and 6 of the fastener.

The side panel 2 can be covered by advertising or promotional material.

25 The covers can be made of any suitable material but a flexible and waterproof material is preferred such as a suitable synthetic plastics material.

The invention is not restricted to the above described embodiment but variations and modifications may be made without departing from the scope of the invention. For example, the substantially cylindrical part 1 need not be secured to the side panels 2 and 3 but could be formed integrally with at least one of the side panels.

It will be seen that the wheel cover according to the invention can readily be fitted to a wheel of a golf trolley before the trolley is put into a vehicle and will thus prevent the vehicle from becoming soiled by the wheel. Of course, a separate wheel cover should be fitted to each of the wheels of the trolley. Further, the invention is not restricted to wheel covers for golf trolleys. The wheel covers can be used for the wheels of other articles such as pushchairs.

CLAIMS

1. A cover for a wheel of a trolley, pushchair or the like, said cover comprising a substantially cylindrical part which is adapted to fit around the periphery of a wheel for which the cover is intended, a first side adapted to cover one side of the wheel and a second side adapted to cover the other side of the wheel, the substantially cylindrical part being joined to or formed integrally with the first and second sides of the cover and a closable opening being provided whereby a wheel can be inserted into the cover through the opening and said opening then being closed by releasable fastening means, wherein the opening is provided in one of the sides of the cover.
2. A wheel cover according to claim 1, wherein the opening is provided in a side of the cover which is intended, in use, to cover the side of a wheel from which an axle on which the wheel is mounted extends.
3. A wheel cover according to claim 2, wherein the opening is closable by a flap which extends over an arc of the said side of the cover in which the opening is provided and which is adapted to be releasably fastened to said side and/or the substantially cylindrical part of the cover to close said opening.
4. A wheel cover according to claim 3, wherein the arc is approximately 45°.
5. A wheel cover according to claim 3, wherein the arc is approximately 90°.
6. A wheel cover according to any one of claims 3 to 5, wherein a second flap is provided, each flap extending over approximately one half of the arc of said opening and the flaps being provided with releasable fastening means whereby they can be releasably secured together to close the opening.

7. A wheel cover according to any one of claims 2 to 6, wherein a small part of the opening in a central region of the side of the cover is arranged to remain open, in the closed position of the cover, to accommodate the axle on which the wheel is mounted when the wheel cover is in use.
- 5 8. A wheel cover according to any one of the preceding claims, wherein advertising or promotional material is applied to the other side of the cover.
9. A wheel cover according to any one of the preceding claims, wherein the releasable fastening means comprise press studs and/or at least one sliding clasp fastener and/or at least one pair of co-operating engageable strips.
- 10 10. A wheel cover according to any one of the preceding claims, wherein the cover is made of a flexible and waterproof material and/or a synthetic plastics material.

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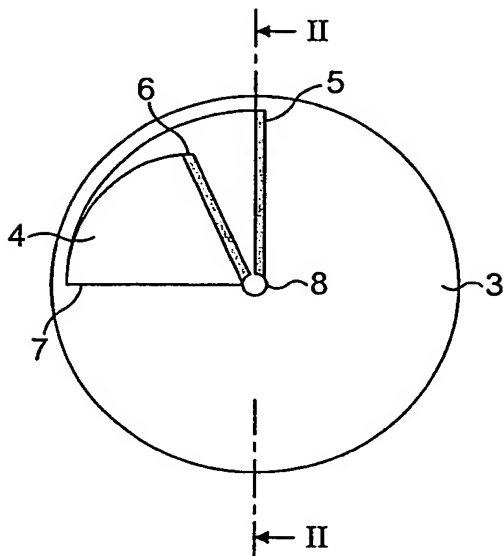


FIG. 1

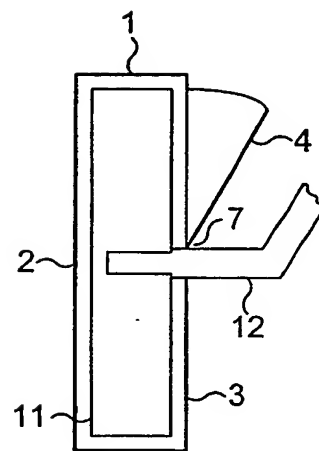


FIG. 2

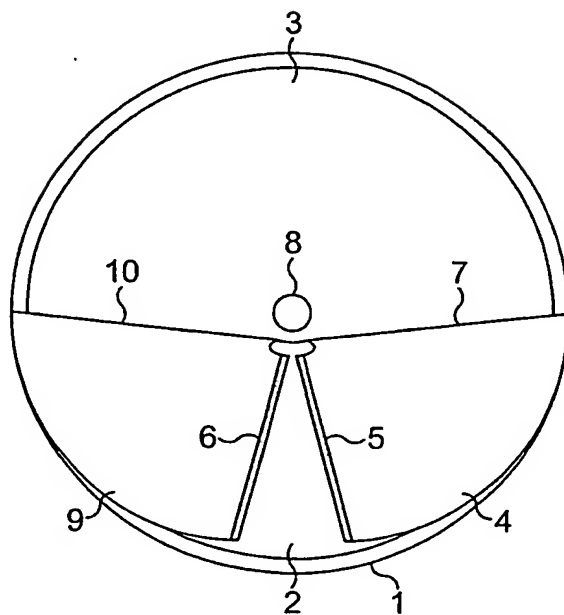


FIG. 3

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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 1 508 419 A (GIDEON SUNDBACK) 16 September 1924 (1924-09-16) page 1, line 82 - page 2, line 55; figures	1-3,5,6, 9
A	US 4 932 573 A (FLINT RONALD T) 12 June 1990 (1990-06-12) column 2, line 12 - column 3, line 17; figures	1-10
A,P	US 6 499 591 B1 (RIZZO DOROTHEA ET AL) 31 December 2002 (2002-12-31) column 3, line 41 - column 4, line 14; figures	1,8
A	GB 2 346 848 A (DUGMORE BARRY ; JOBLING MARK (GB)) 23 August 2000 (2000-08-23) page 2, line 15 - page 3, line 4; figures	1,8
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 5 809 606 A (MACDONALD GRAHAM ANDREW ET AL) 22 September 1998 (1998-09-22) column 2, line 21 - line 57; figures</p>	1

INTERNATIONAL SEARCH REPORT

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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